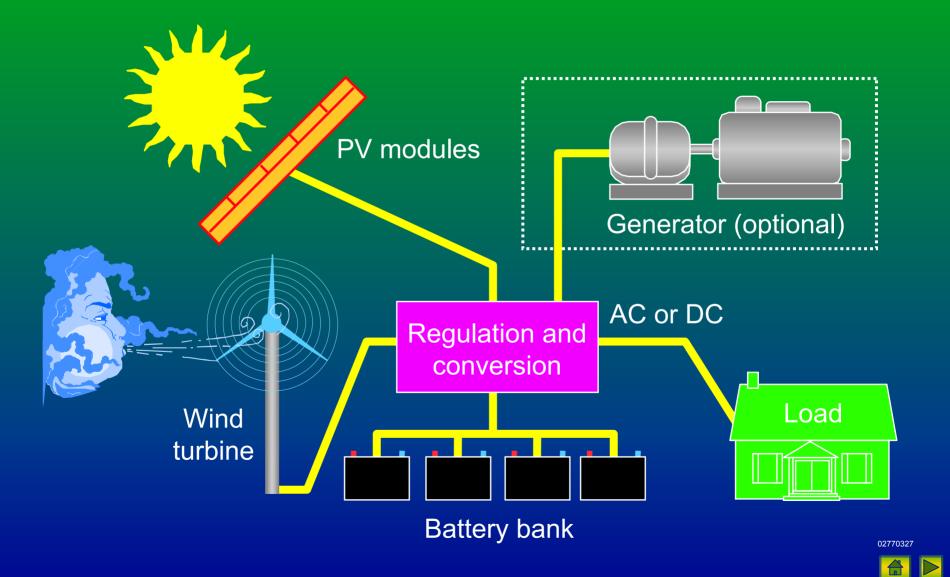
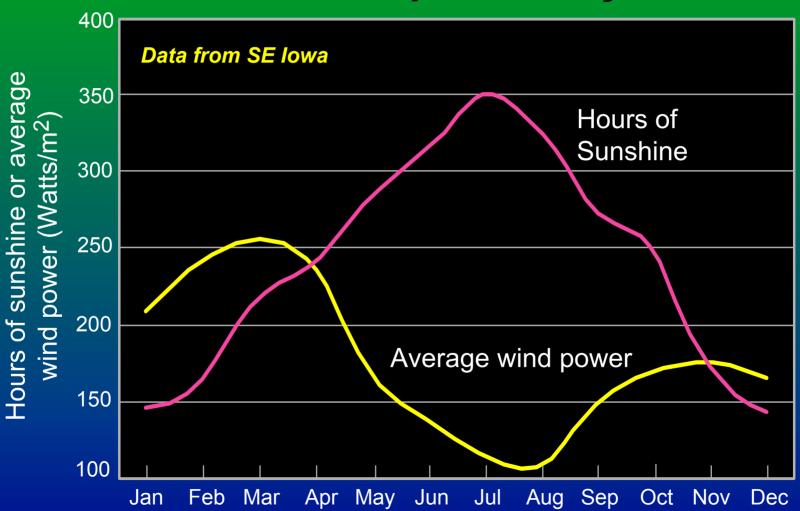
Hybrid Power Systems Combine multiple sources to deliver reliable electric power

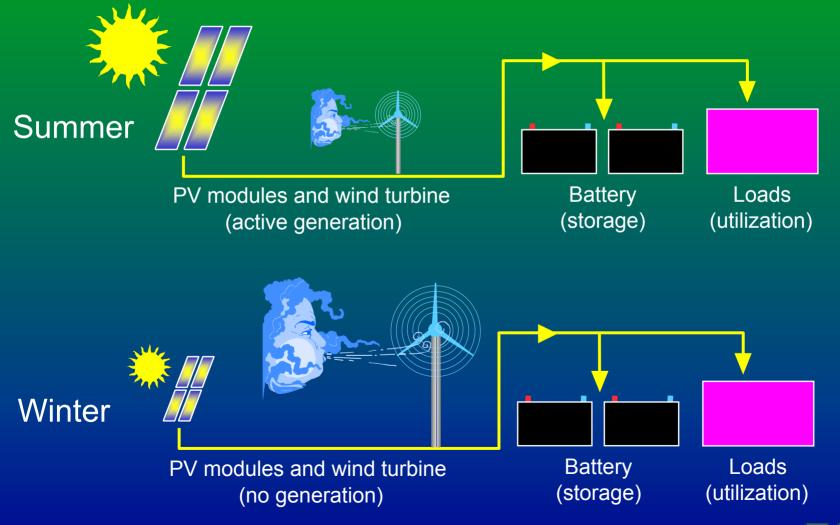


Solar and Wind Resources are Complimentary



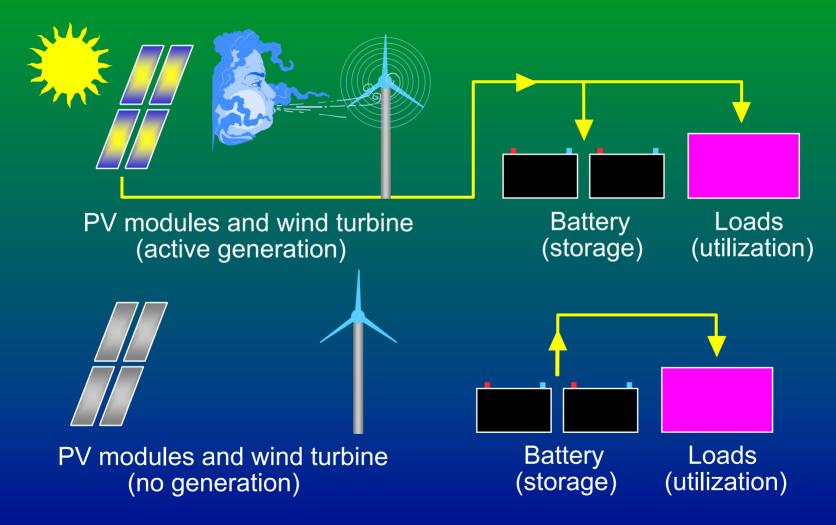


The Effect of Seasons on Hybrid Power Systems





The Role of Storage in Hybrid Power Systems



Why Use a Backup Generator?

 Renewable energy sources (wind and PV) and generators have complementary characteristics:

<u>Characteristic</u>	Renewable	<u>Generator</u>
Capital cost	High	Low
Operating cost	Low	High
Maintenance requirements	Low	High
Available on demand?	No	Yes

 In combination, they provide a more reliable and costeffective power system than is possible with either one alone





Hybrid Power Systems Combine multiple sources to deliver reliable electric power

